

Claims

1. A dentifrice composition for whitening teeth free of a hydrocarbon humectant comprised of a peroxide compound from about 1-30% by weight, water from about 30-60% by weight and polyoxyethylene-polyoxypropylene non-ionic surfactant gelling agent from about 25 to 30% by weight and an inhibitor of catalase from about 0.1 to 2% by weight, of the total.
2. The dentifrice composition for whitening teeth according to claim 1, which includes a mixed metal chelating system comprised of:
 - a) an organic chelating agent
 - b) a condensing phosphate chelating agent, and
 - c) a metal precipitating agent.
3. The dentifrice composition for whitening teeth according to claim 1, which includes a mixed surfactant system comprised of an anionic surfactant and a non-ionic surfactant.
5. The dentifrice composition for whitening teeth according to claim 1 wherein the peroxide containing compound is hydrogen peroxide.
6. The dentifrice composition for whitening teeth according to claim 1 wherein the peroxide containing compound is carbamide peroxide
8. The dentifrice composition for whitening teeth according to claim 1 wherein the gelling agent is polyoxyethylene-polyoxypropylene non-ionic surfactant.
9. The dentifrice composition for whitening teeth according to claim 2 wherein the organic chelating agent is 1-hydroxyethylidene-1,1-diphosphonic acid consisting of about 0.25% to 5% by weight of the composition.

10. The dentifrice composition for whitening teeth according to claim 2 wherein the ~~condensing phosphate chelating agent is sodium pyrophosphate, sodium triphosphate,~~ trisodium phosphate or a combination thereof consisting of about 0.25 to 2% by weight of the composition.

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11. The dentifrice composition for whitening teeth according to claim 2 wherein the metal precipitating agent is sodium fluoride consisting of about 0.1 to 1% by weight of the composition.

12. The dentifrice composition for whitening teeth according to claim 3 wherein the anionic surfactant is sodium lauryl sulfate consisting on about 0.5 to 2.5% by weight of the composition.

13. The dentifrice composition for whitening teeth according to claim 3 wherein the non-ionic surfactant is TWEEN 20 consisting of about 0.5 to 3% by weight of the composition total weight.

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19. The method of whitening teeth by applying to the teeth a dentifrice composition for whitening teeth free of a hydrocarbon humectant, comprised of a peroxide compound from about 1-30% by weight, water from about 30-60% by weight and polyoxyethylene-polyoxypropylene non-ionic surfactant gelling agent from about 25 to 30% by weight and an inhibitor of catalase from about 0.1 to 2% by weight of the composition.